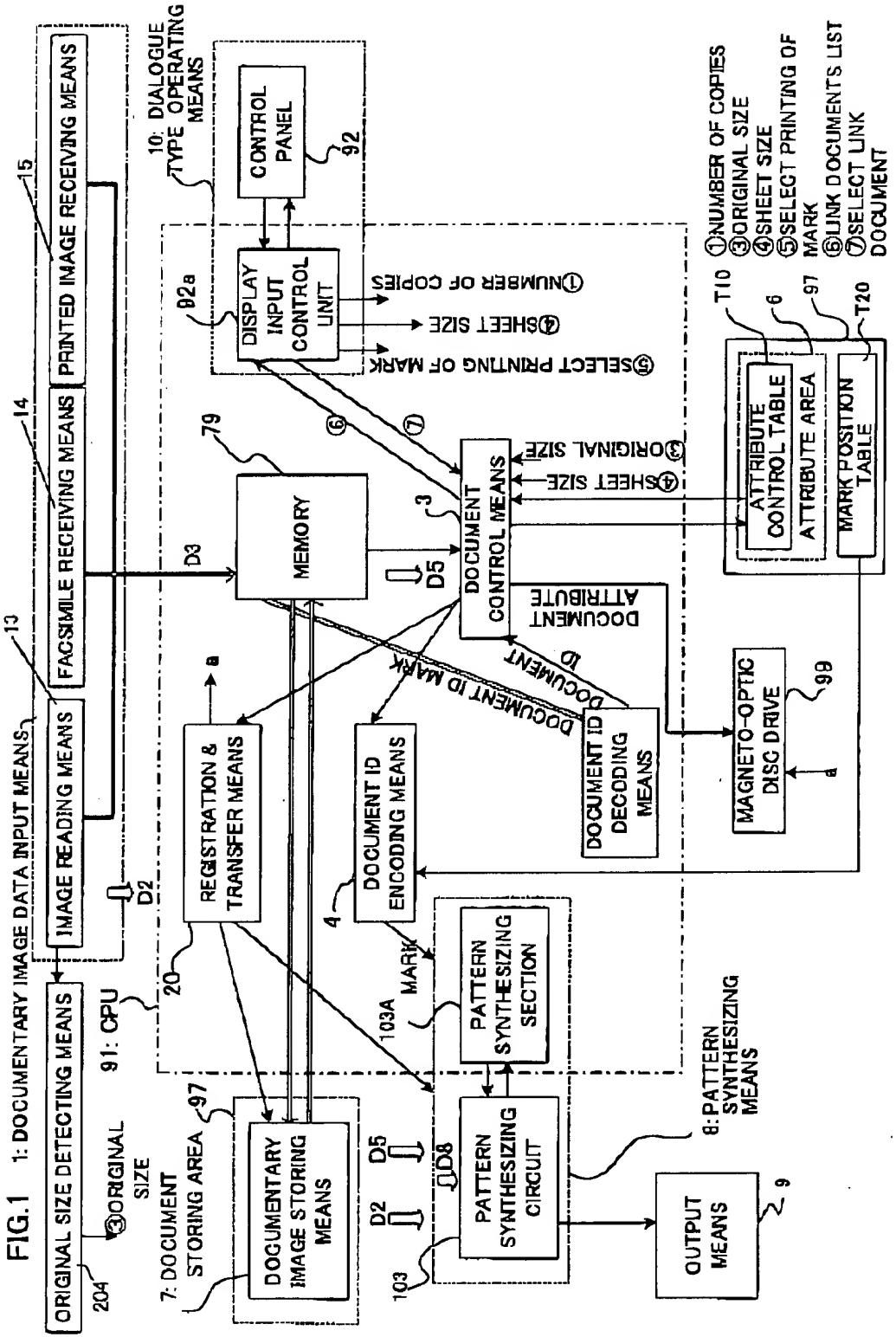


FIG. 1: DOCUMENTARY IMAGE DATA INPUT MEANS



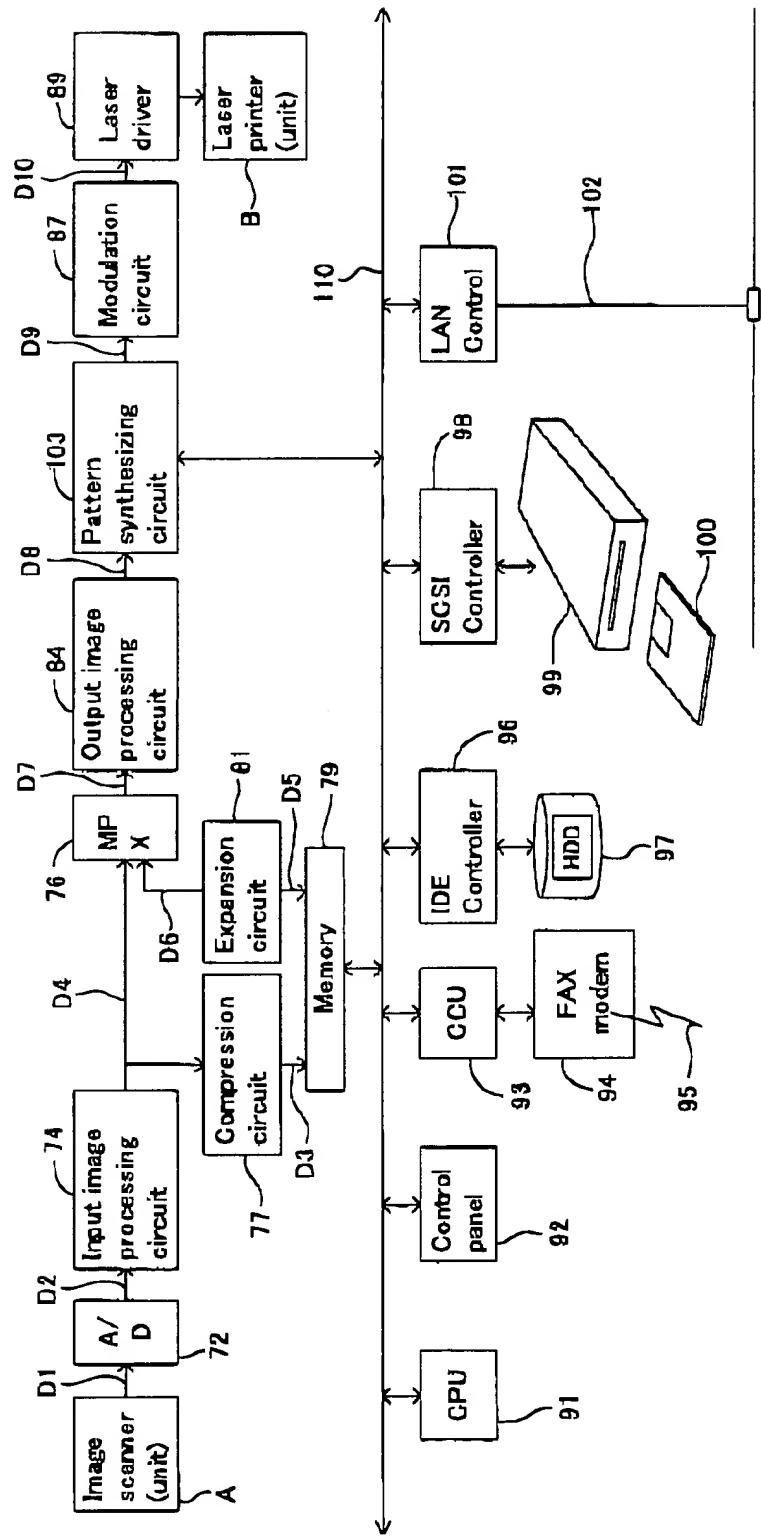
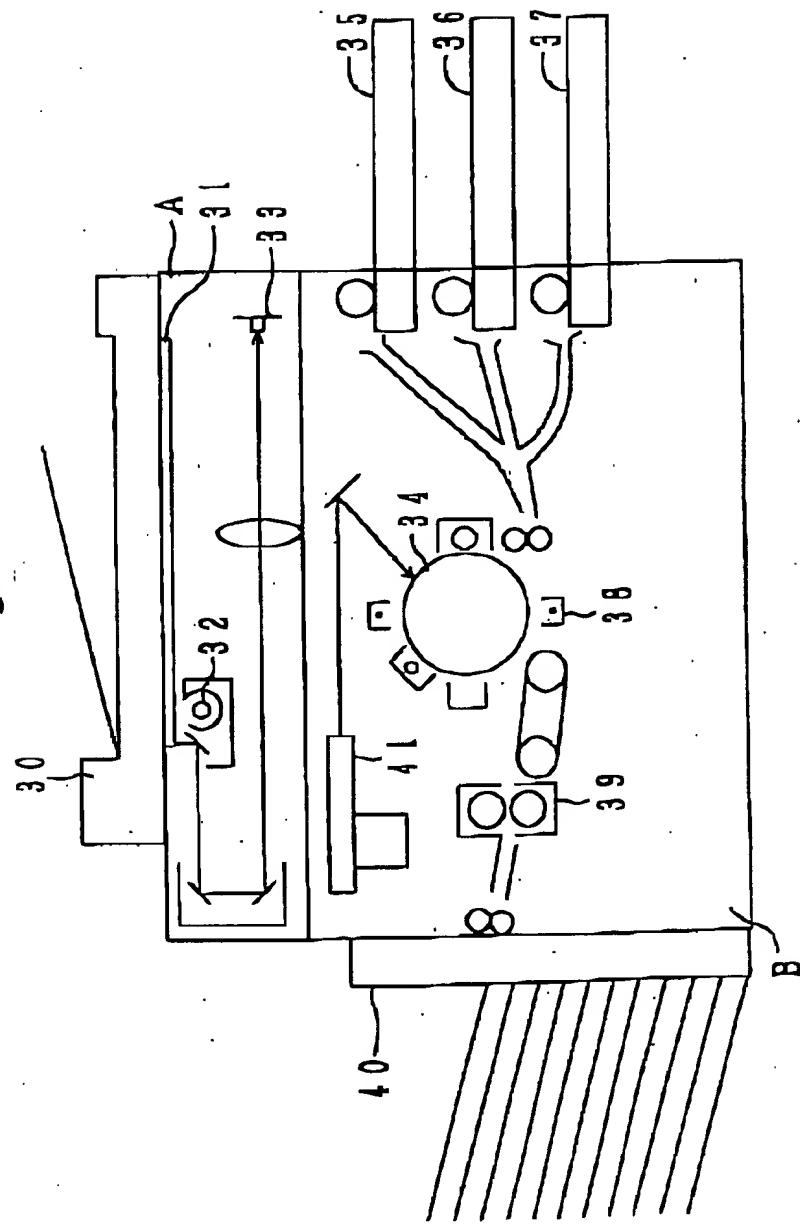


Fig.2

Fig. 1



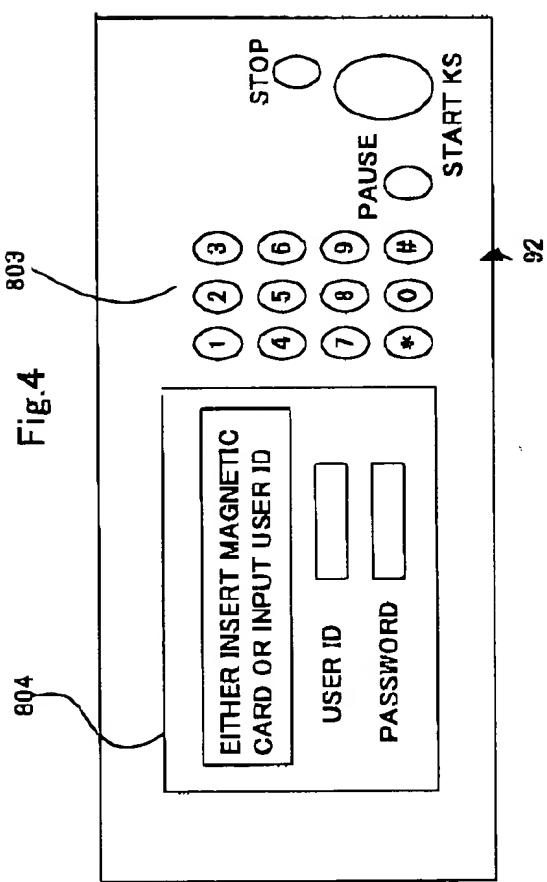


Fig.5

**TITLE OF THE INVENTION**

Digital integrated apparatus

**FIELD OF THE INVENTION**

The present invention relates to a digital integrated apparatus, more specifically to a digital integrated apparatus capable of storage and take-out of image data.

**BACKGROUND OF THE INVENTION**

So far, proposal has been made of electronic filing system such as those disclosed in the Japanese patent laid-open publication No. 62-219788, for example, capable of storing image data on optical disc etc. from such sources as paper document, etc.

Fig. 34 discloses an example of construction of a conventional electronic filing system. This system is designed in a way to register documentary information or image information in advance on an optical disc storage device 205 and select documentary & image information agreeing with the search conditions given by a work station 201, to be described hereafter, from the optical disc storage device 205, for processing such as output, transfer, etc. Documentary information as mentioned here refers to the so-called text information, and is not documentary image information turned into image data treated by the present invention. The work station 201 is capable of inputting search conditions of documentary image information, displaying selected documentary image information, as well as giving a variety of instructions such as editing, printing, etc. As processing relating to the present invention, said work station can convert ID, identifying address value or document & image corresponding to any specific registered document or image, into image data such as barcode, etc., combined this image data with document & image and print out by using a printer 207. Fig. 35 indicates an example of printed documentary image.



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Fig6

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**TITLE OF THE INVENTION**

Digital integrated apparatus

**FIELD OF THE INVENTION**

The present invention relates to a digital integrated apparatus, more specifically to a digital integrated apparatus capable of storage and take-out of image data.

**BACKGROUND OF THE INVENTION**

So far, proposal has been made of electronic filing system such as those disclosed in the Japanese patent laid-open publication No. 62-219788, for example, capable of storing image data on optical disc etc. from such sources as paper document, etc.

Fig. 34 discloses an example of construction of a conventional electronic filing system. This system is designed in a way to register documentary information or image information in advance on an optical disc storage device 205 and select documentary & image information agreeing with the search conditions given by a work station 201, to be described hereafter, from the optical disc storage device 205, for processing such as output, transfer, etc. Documentary information as mentioned here refers to the so-called text information, and is not documentary image information turned into image data treated by the present invention. The work station 201 is capable of inputting search conditions of documentary image information, displaying selected documentary image information, as well as giving a variety of instructions such as editing, printing, etc. As processing relating to the present invention, said work station can convert ID, identifying address value or document & image corresponding to any specific registered document or image, into image data such as barcode, etc., combined this image data with document & image and print out by using a printer 207. Fig. 35 indicates an example of printed documentary image.



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## F - G - 7

Document ID	Number of pages	Image size	Registration method	Date of registration	Registration time	User ID	Access right	Media ID	Destination of link	Origin of link
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00000002	4	B4	FAX RECEIVE	1997.02.01	08:05:05	0000	FREEB	0000	00000000	00000000
00000003	6	A4	FAX SEND	1997.02.01	09:17:55	0006	GROUP	0000	00000009	00000000
00000004	3	A4P	PRINT	1997.02.03	10:10:00	0003	GROUP	0001	00000035	00000000
00000005	8	A4B	COPY	1997.02.03	11:30:30	0003	GROUP	0000	00000000	00000004

110: Document Management Table

8  
六

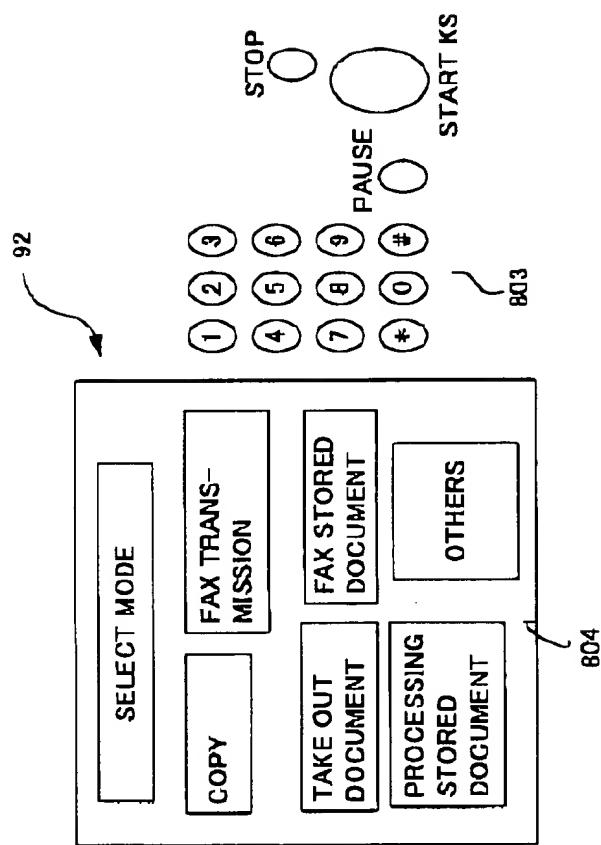


Fig.9

92

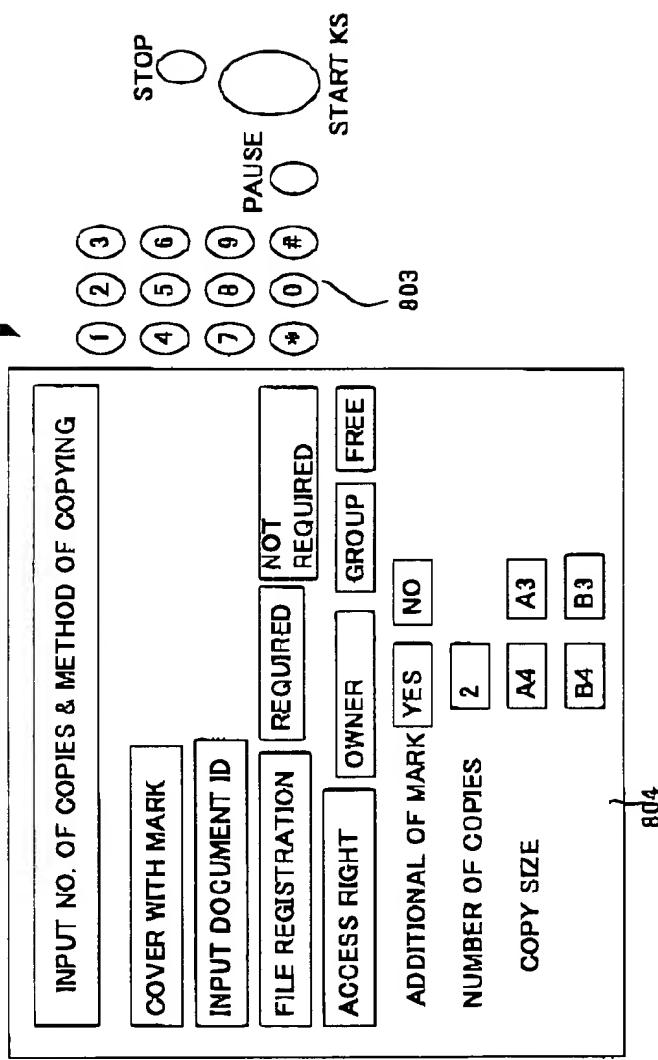
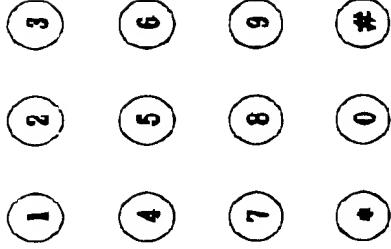
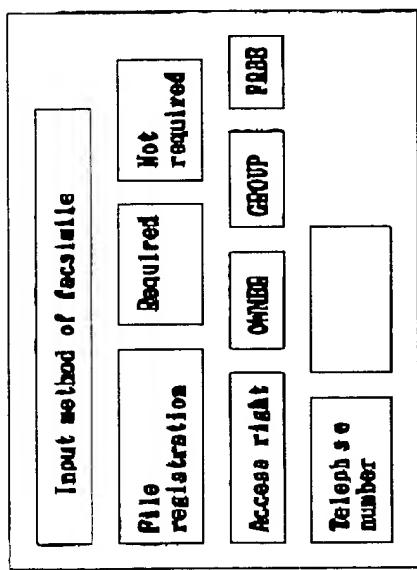


FIG. 10



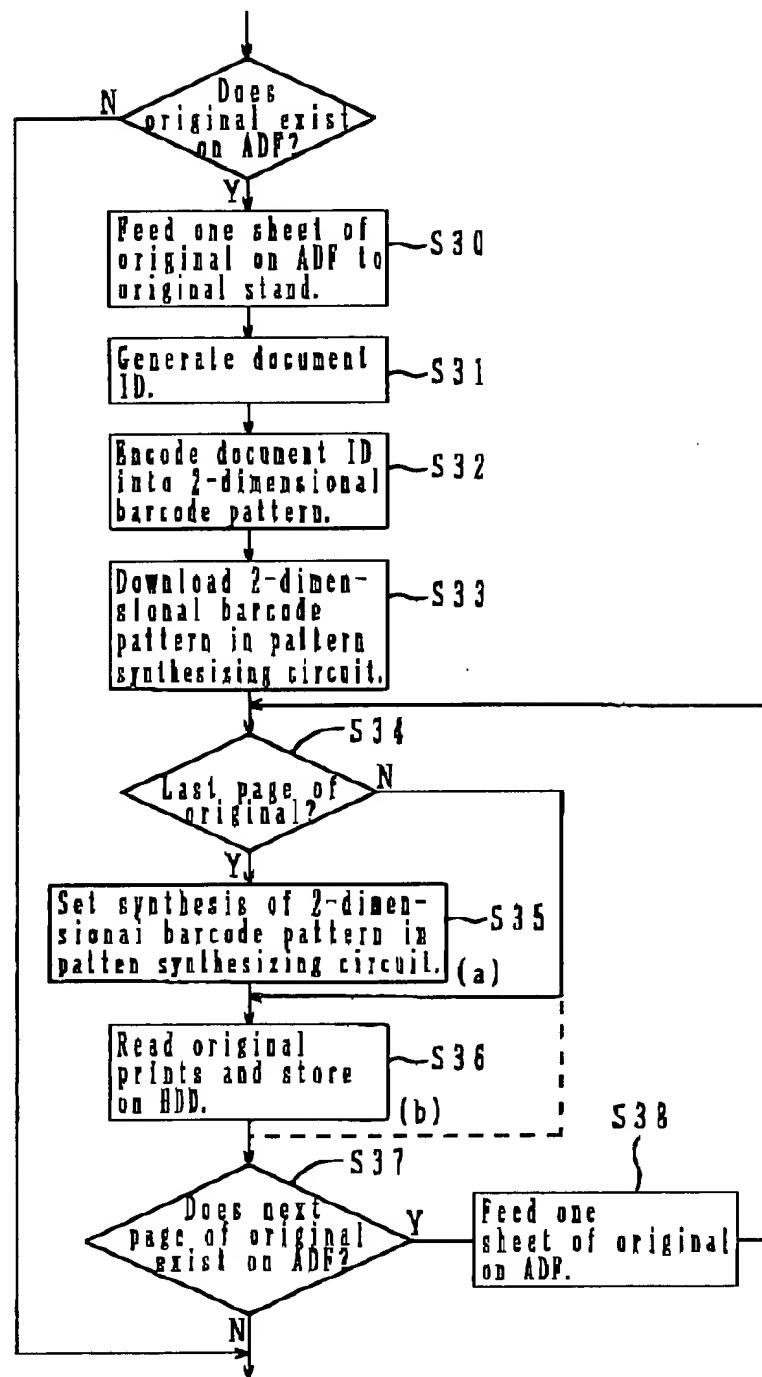


Fig. 11

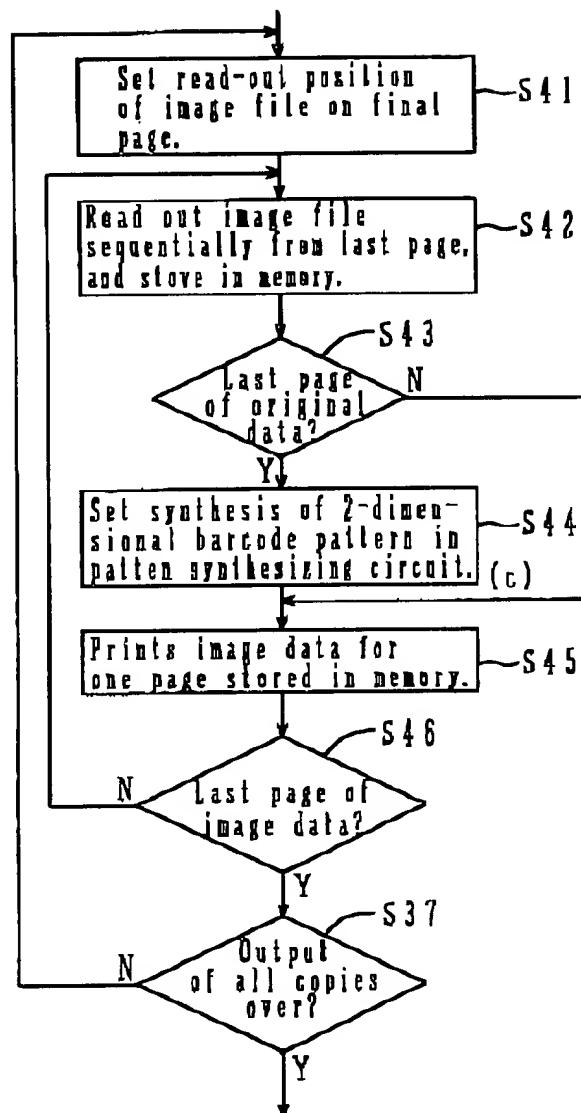


Fig. 12

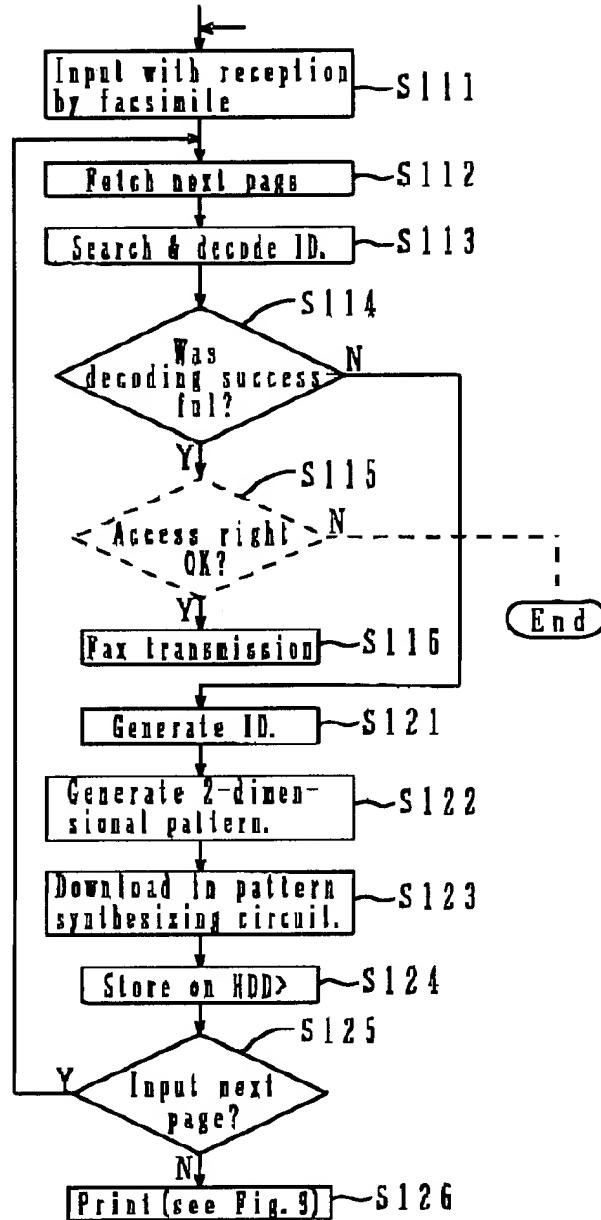


Fig. 13

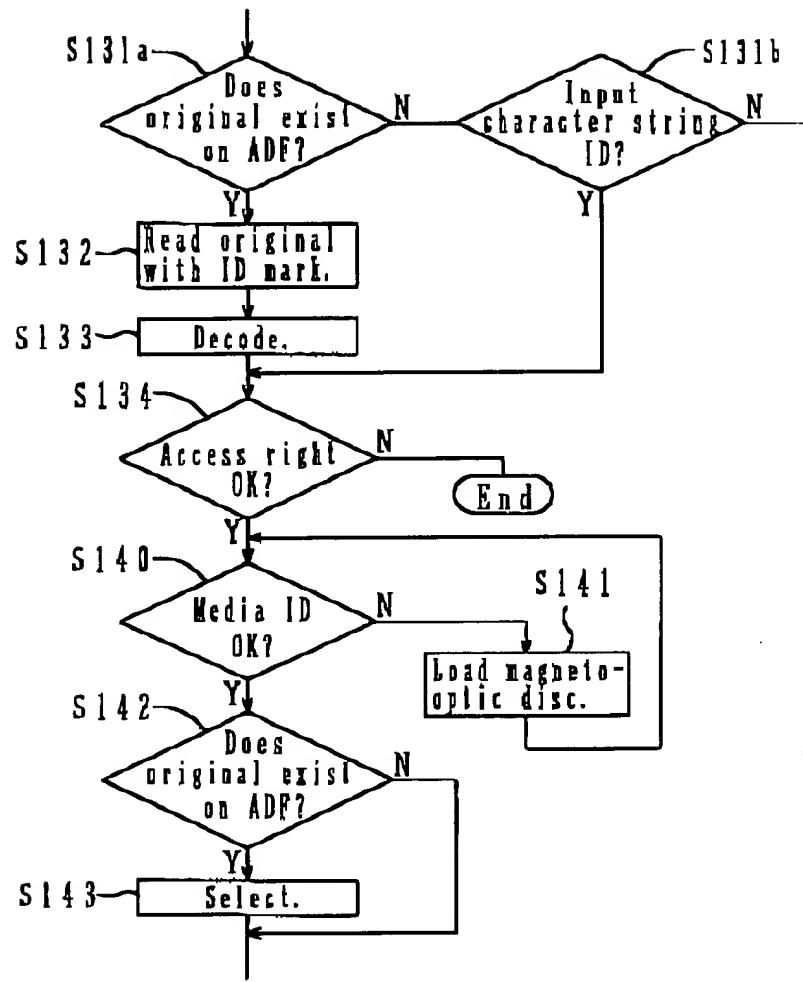
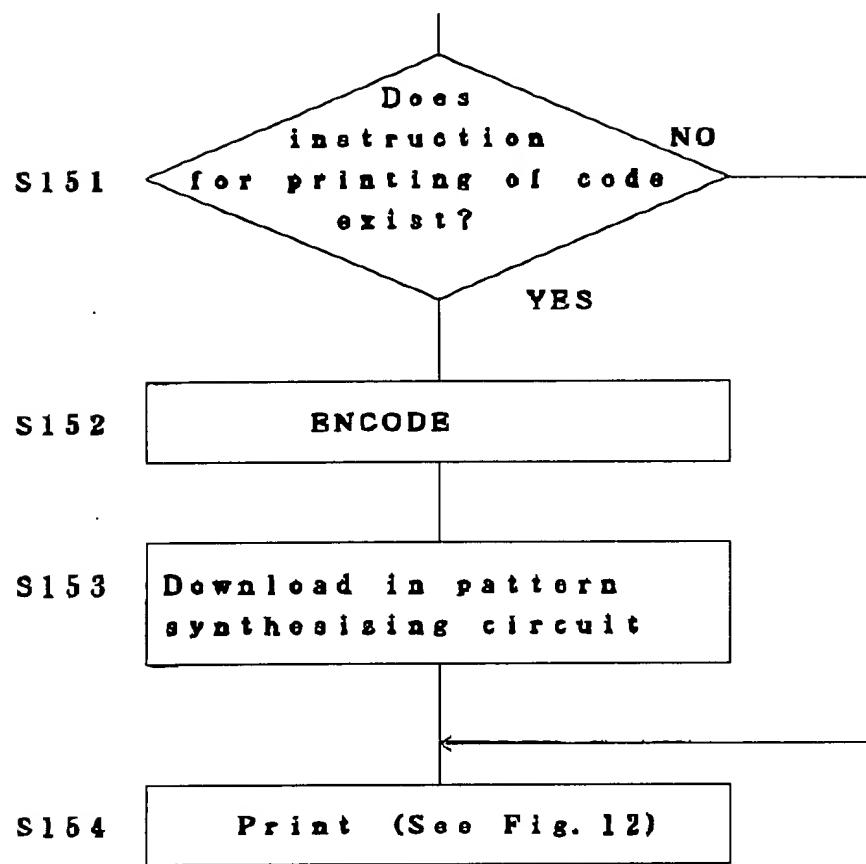


Fig. 14

FIG. 15



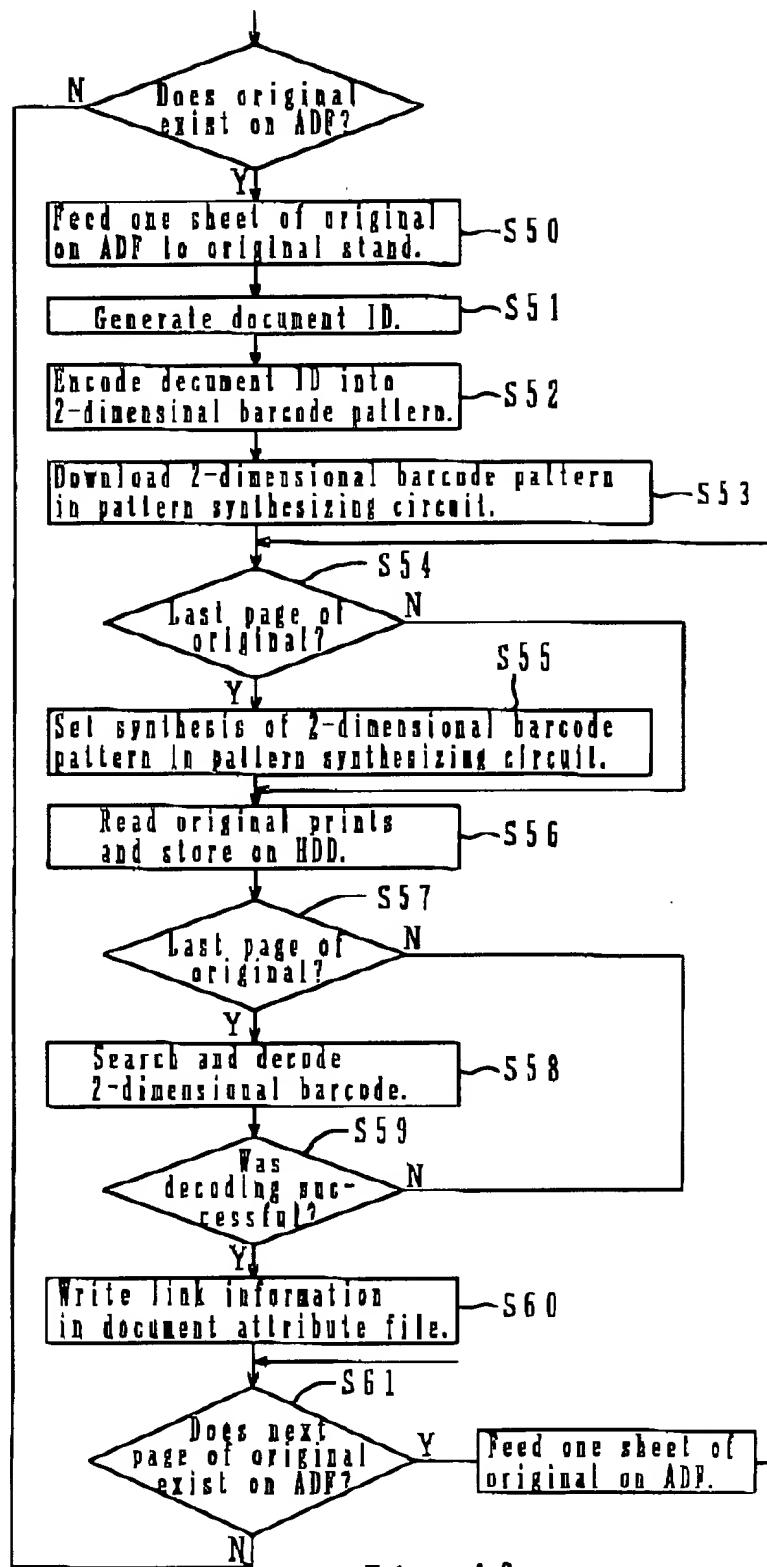
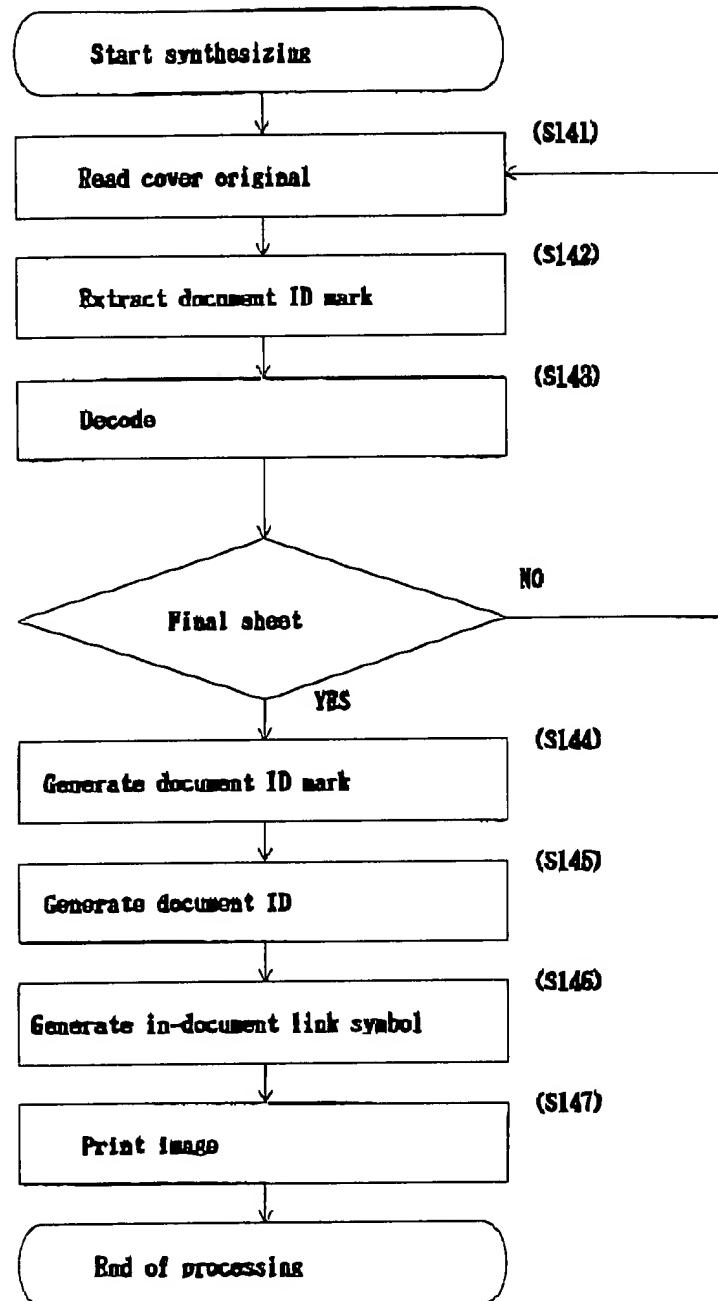


Fig. 16

FIG. 17



F I G. 1 8

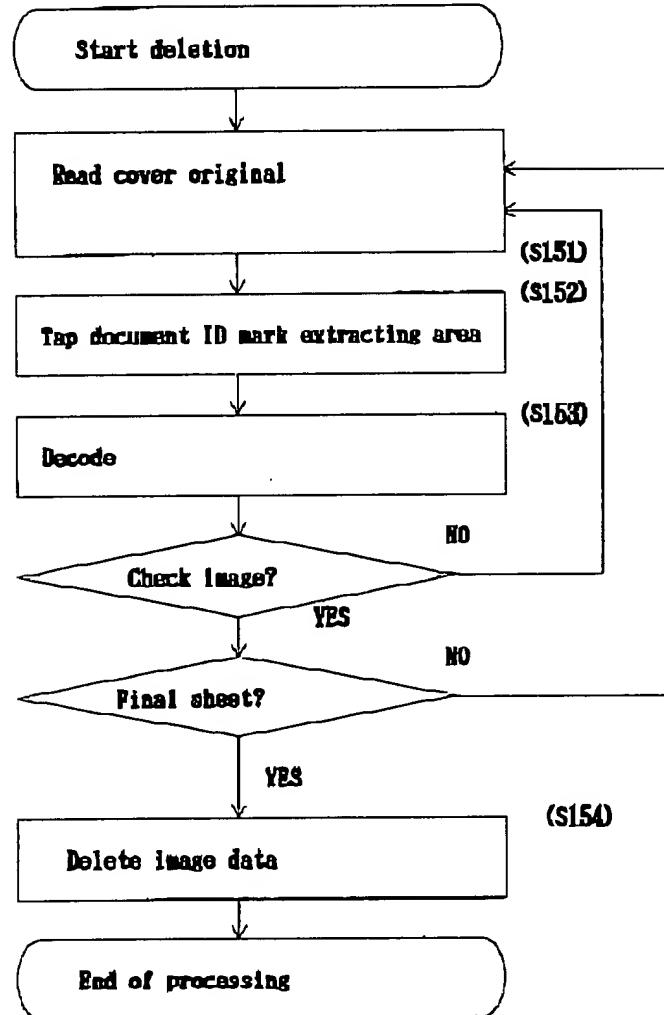


FIG. 19

There are a plural number of versions as document to be taken out. Select document.

0

0. Specified document	20/02/1997	5 pages
1. Date of registration	05/01/1997	5 pages
2. Date of registration	10/01/1997	5 pages
3. Date of registration	15/02/1997	5 pages
4. Date of registration	25/03/1997	5 pages

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FIG. 21

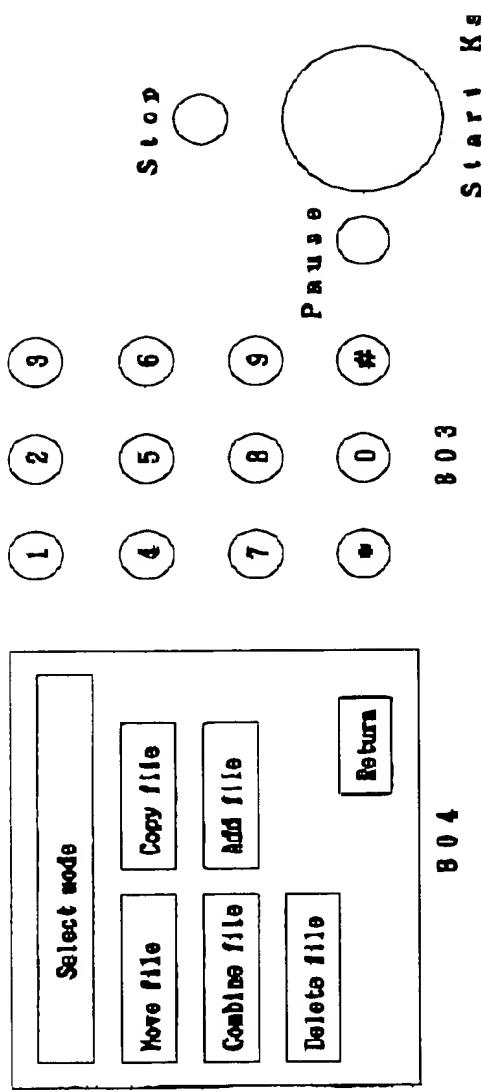


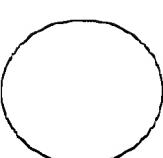
FIG. 22

Move file	Yes	No	Server	Cancel
Cover with mark	END			
Input document ID				1
Display of document attributes				
Designation of movement				
Number of documents				

804

803

Start Key



Stop

9 6 9  
2 5 8  
1 4 7  
0 \*

Pause

Stop

**F 1 C. 2 3**

<p>Insert disc of media ID 001.</p>	
<input type="button" value="OK"/>	<input type="button" value="Cancel"/>

Insert disc of media ID  
001.

001

1 2

3 4

5 6

7 8

9 \*

0 #

Stop

Pause

809

Stop

804

Start

Start

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FIG. 24

<b>Copy file</b>	<b>Cover with mark</b>	<b>Input document 10</b>	<b>Designation of copying</b>	<b>Number of document</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Server</b>	<b>ED</b>	<b>1</b>	<b>Cancel</b>	

A 4x4 grid of circles. The circles are arranged in four rows and four columns. The first column contains circles with the numbers 6, 5, 4, and 3 from top to bottom. The second column contains circles with the numbers 9, 8, 7, and 2 from top to bottom. The third column contains circles with the numbers #, 0, \*, and 1 from top to bottom. The fourth column contains circles with the text 'Start' at the top, 'Stop' in the middle, and 'Pause' at the bottom.

## FIG. 25

Specify number of copies, and method for taking out document	<input type="text"/>
Cover with back	<input type="text"/>
Input document ID	<input type="text"/>
Add mark	<input type="checkbox"/> Yes <input type="checkbox"/> No
Mark size	<input type="checkbox"/> Large <input type="checkbox"/> Small
Number of copies of whole body	<input type="text"/>
Number of copies of cover or title	<input type="text"/>
Sheet size	<input type="text"/>
Password	<input type="text"/>

804

Specify number of copies, and  
method for taking out document

Cover with back

Input document ID

Add mark

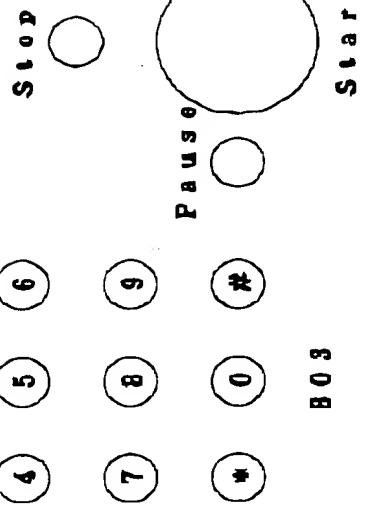
Mark size

Number of copies  
of whole body

Number of copies  
of cover or title

Sheet size

Password



Stop  
Pause  
Start Ks  
B03

## F I G. 2 6

Document ID	Page	In-document link information	
00000001	Image data 1-1	● —	54a
	Image data 1-2	←	
00000002	Image data 2-1		54b
00000003	Image data 3-1	● —	
	Image data 3-2	←	54c
	Image data 3-3	←	
·	·	·	
·	·	·	
·	·	·	

FIG. 27

Document ID	Page	In-document link information	
00000001	Image data 1-1	● —————	54a
	Image data 1-2	● —————	
00000002	Image data 2-1		54d
00000003	Image data 3-1	● —————	54b
	Image data 3-2	● —————	
-	Image data 3-3	● —————	54c
	-	-	
-	-	-	
-	-	-	

F I G. 2 8

Document ID	Page	In-document link information	
00000001	Image data 1-1	● —————	54a
	Image data 1-2	—————<	
00000002	Image data 2-1	—————	
	Image data 3-1	● —————	54b
	Image data 3-2	—————<	54c
	Image data 3-3	—————<	
00000004	Image data 1-1	● —————	54e
	Image data 1-2	—————<	54f
	Image data 3-1	—————<	54g
	Image data 3-2	—————<	
	Image data 3-3	—————<	54h
	·	·	
	·	·	
	·	·	

Fig. 29

ORIENTATION OF ORIGINAL SHEET SIZE	LONGITUDINAL (TRANSVERSAL POSITION LONGITUDINAL POSITION)	TRANSVERSAL (TRANSVERSAL POSITION, LONGITUDINAL POSITION)	
		(10,237)	(10,162)
B4			(10,162)
A4		(10,277)	(10,160)
B3		(10,344)	(10,237)
A3		(10,400)	(10,277)

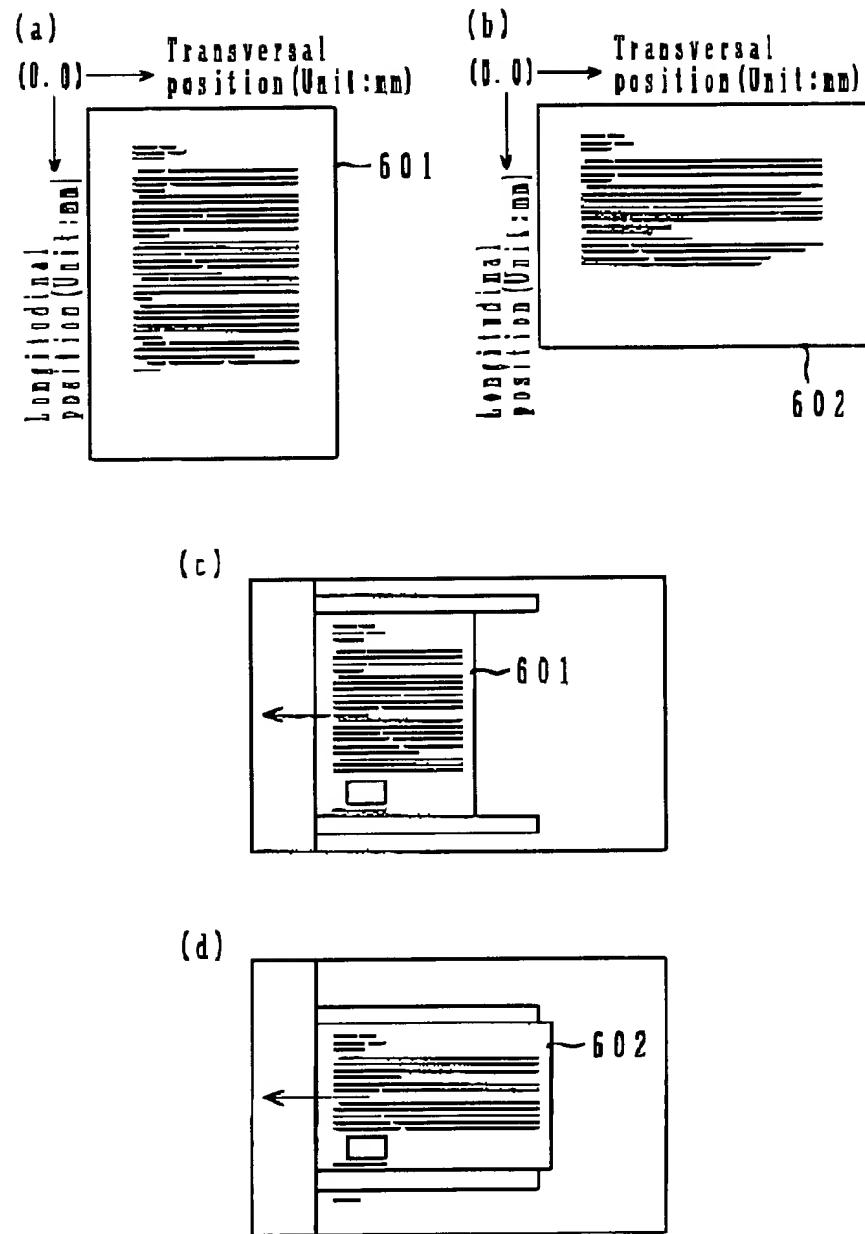


Fig. 30

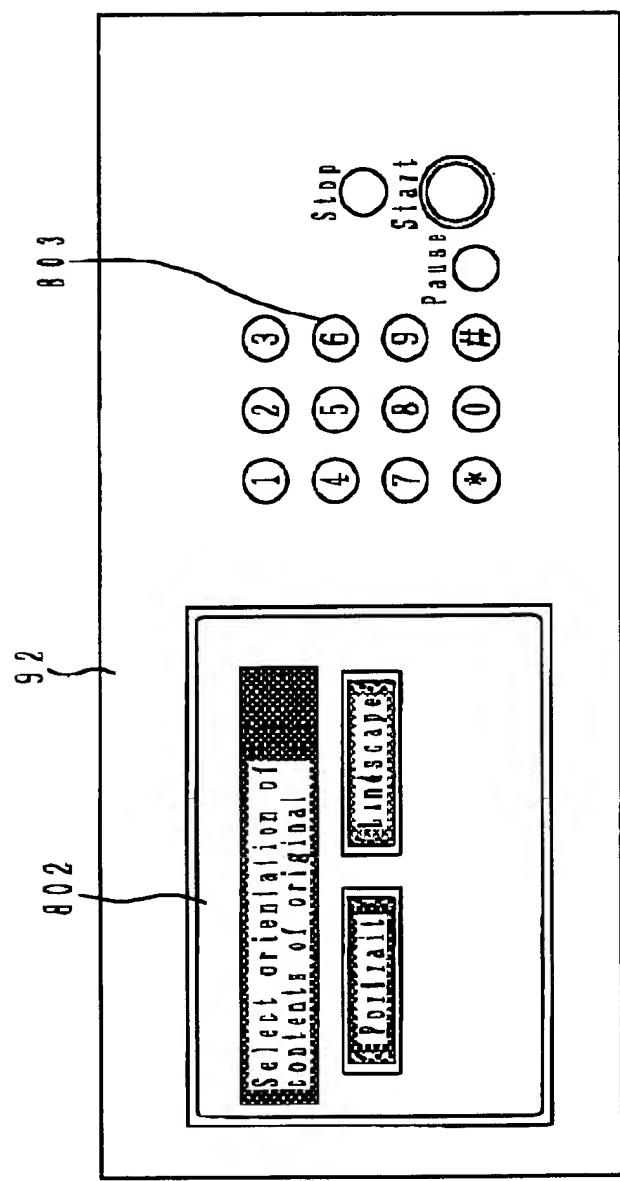
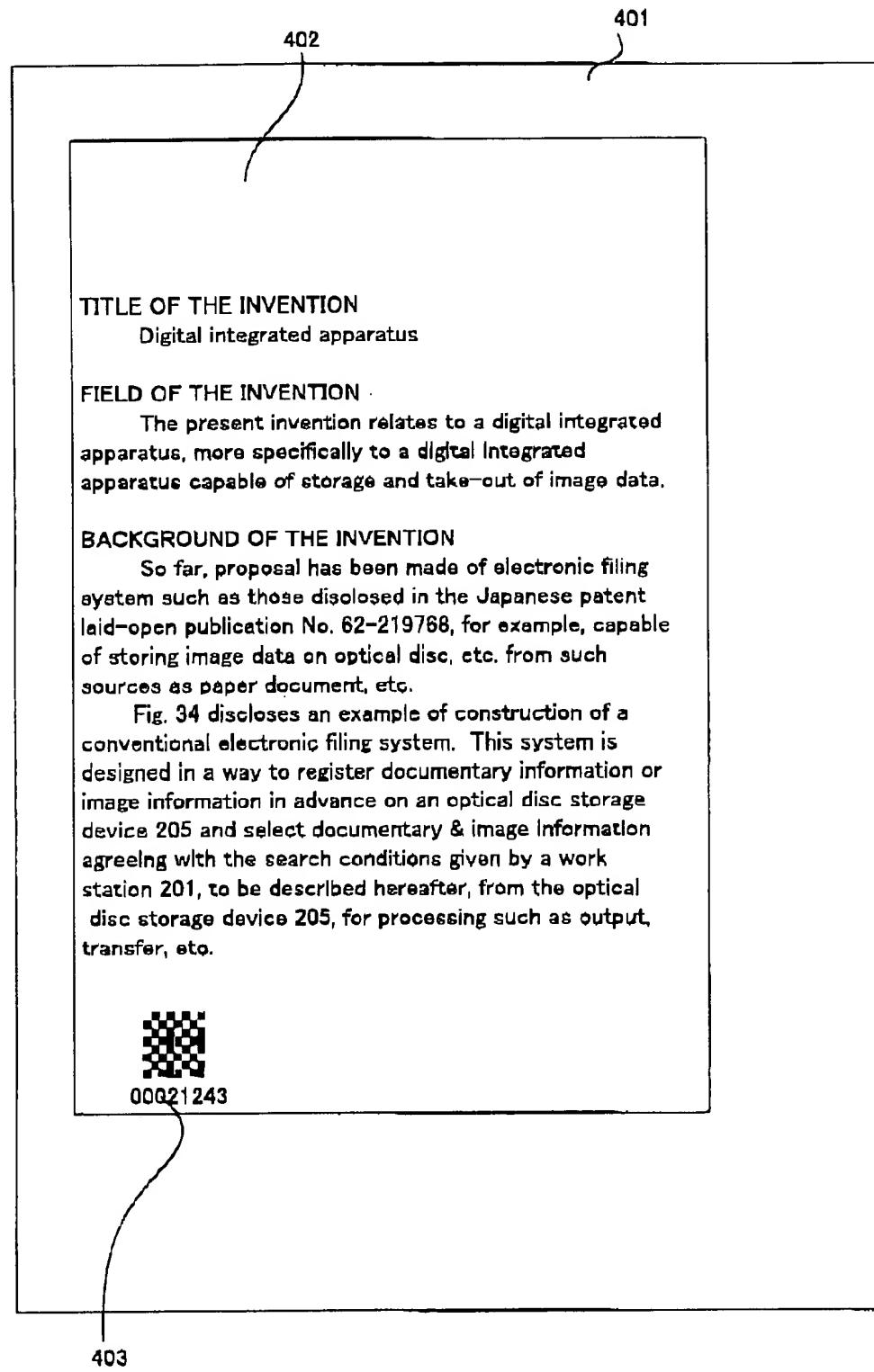


Fig. 31

Fig.32



## F I G. 3 3

## Document attribute information list

Date & time of preparation: 21st February, 1997,  
17:40:52

Input source: FAX reception

Total number of pages: 12 pages

Sheet size: A4

Place of storage: Home HDP

Name of user who registered document: OO OO

Access right: Free

254689524

Example of print of printed document attribute information list

Fig. 34 PRIOR ART

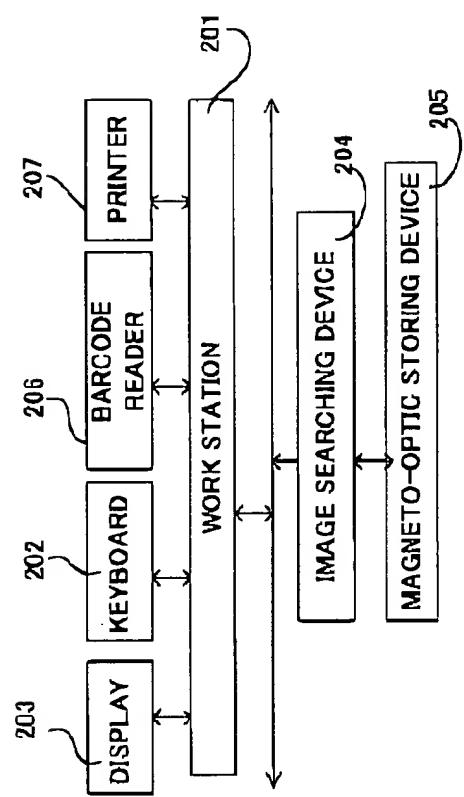


Fig.35

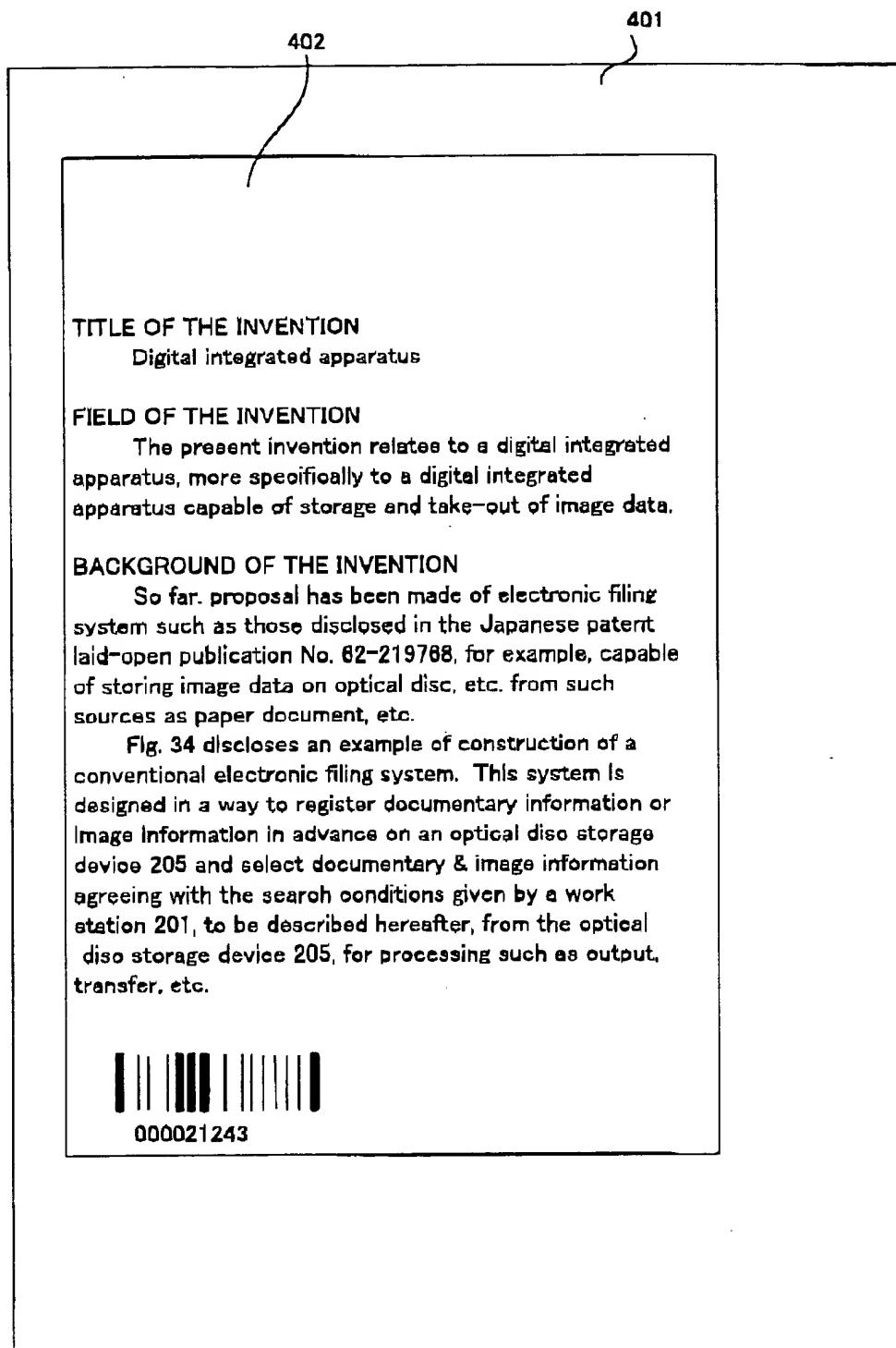


FIG.36 a

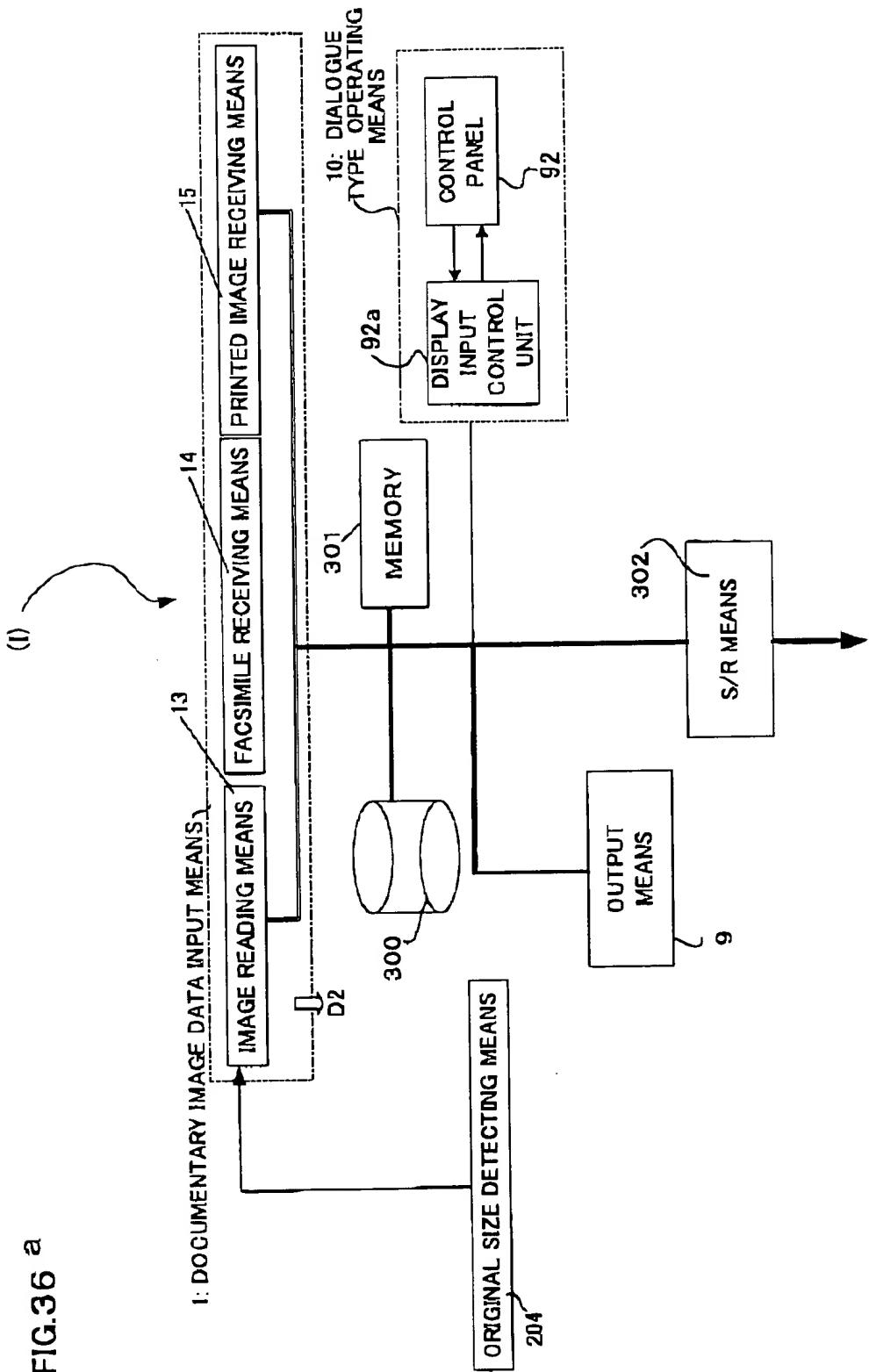


FIG.36 b

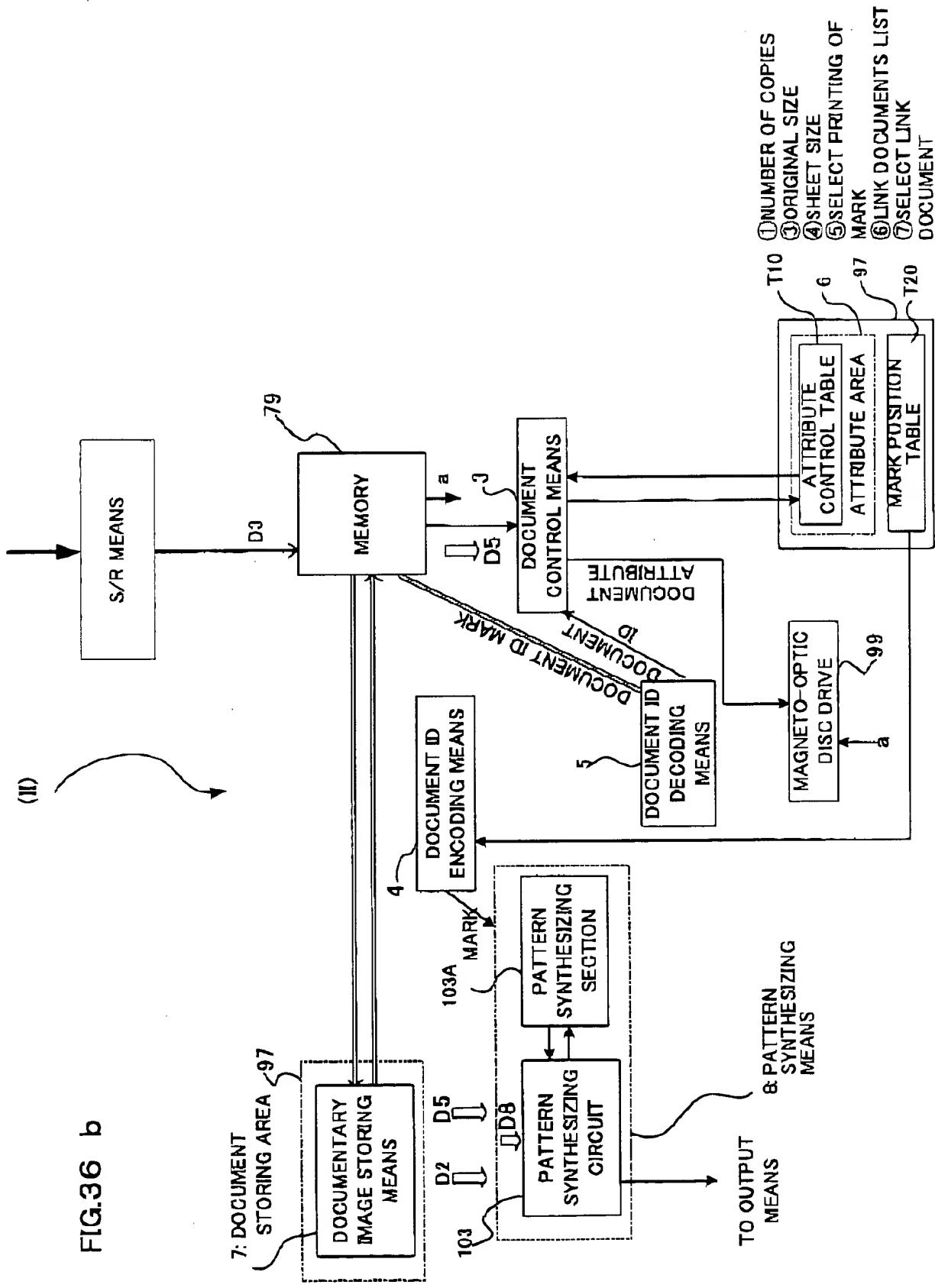


FIG. 37

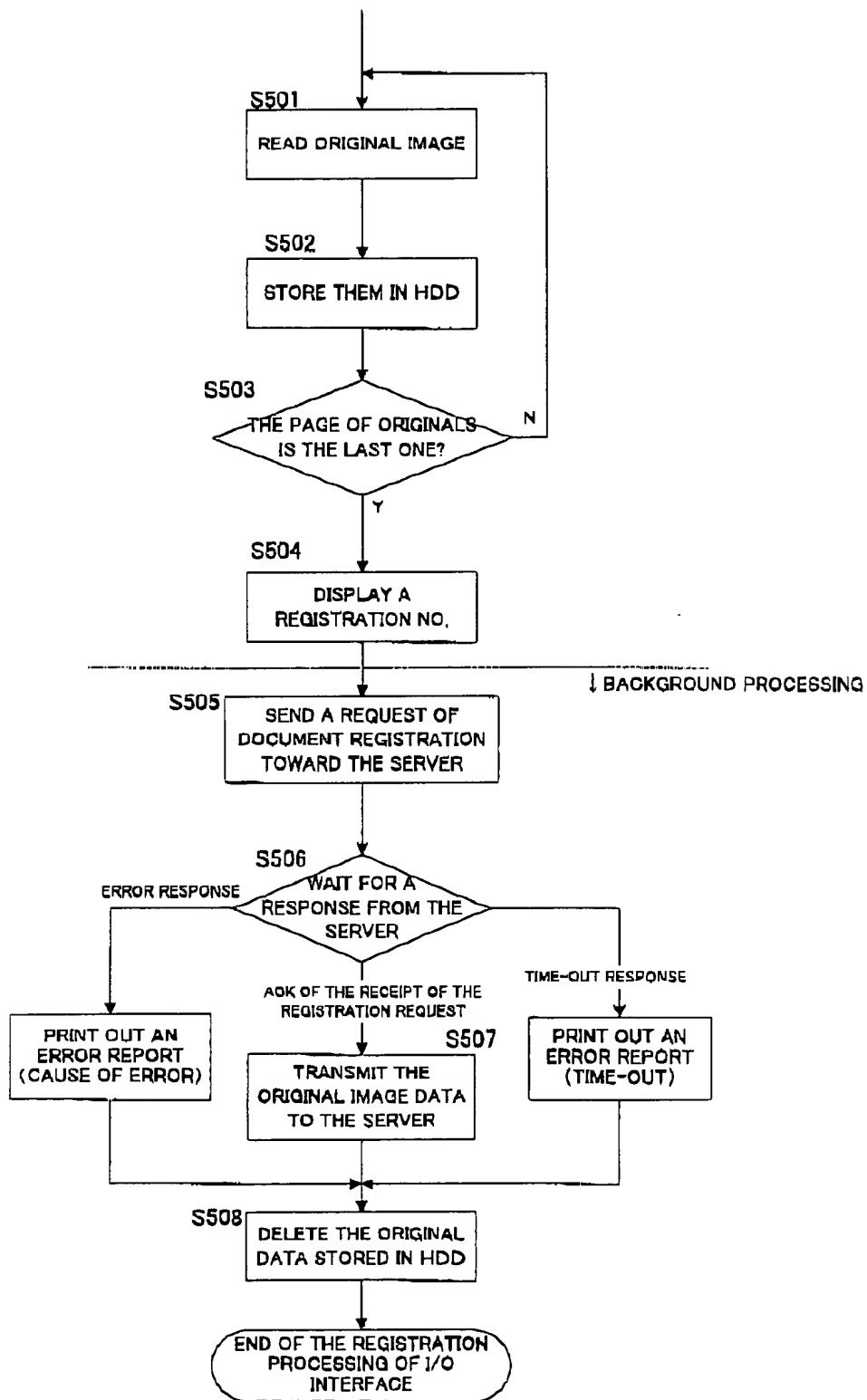


FIG. 38

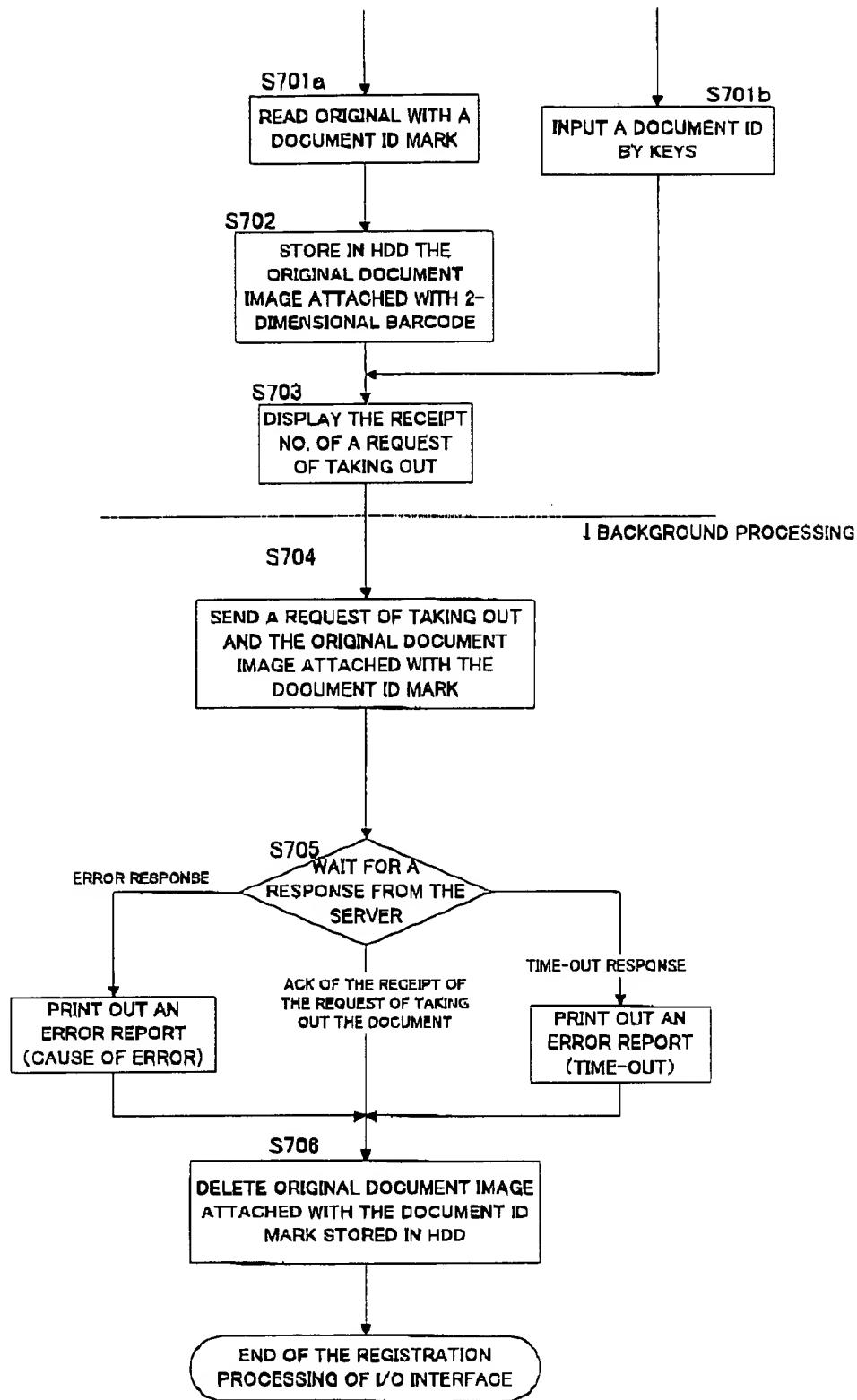


FIG. 39

